

Access DB# 33425

SEARCH REQUEST FORM

Scientific and Technical Information Center

(141)

Requester's Full Name: Mehta, Bhavesh Examiner #: _____ Date: 1-18-00
 Art Unit: 2621 Phone Number 308-5246 Serial Number: 09/443250
 Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

From: Mehta, Bhavesh
 Sent: January 17, 2001 5:46 PM
 To: STIC-EIC2700
 Subject: RE: Litigation Search

Please provide the litigation search for the following:
~~09/666012 which is Division of 09/244037 which is a reissue of 08/240521 (US 5600672)~~
 09/443250 which is a reissue of 08/430143 (US 5687174)
~~09/174811 which is a reissue of 07/927334 (US 5680157)~~

Thank you
 Bhavesh Mehta

STAFF USE ONLY

Type of Search

Vendors and cost where applicable

Searcher: Karen R. Heilig NA Sequence (#) _____ STN _____
 Searcher Phone #: (703) 268-7831 AA Sequence (#) Dialog 2 min \$11.24
 Searcher Location: PK2-4041 Structure (#) Questel/Orbit 3 min \$18.00
 Date Searcher Picked Up: 1-18-00 Bibliographic _____ Dr. Link _____
 Date Completed: 1-19-00 Litigation X Lexis/Nexis 3 min
 Searcher Prep & Review Time: 8 Fulltext _____ Sequence Systems _____
 Clerical Prep Time: _____ Patent Family _____ WWW/Internet _____
 Online Time: 7 Other _____ Other (specify) _____

5,687,174

<=2> GET 1st DRAWING SHEET OF 9

Nov. 11, 1997

Network link endpoint capability detection

REISSUE: Reissue Application filed Nov. 12, 1999 (O.G. Nov. 21, 2000) Ex. Gp.:
2732; Re. S.N. 09/443,250

CERTCORR: Jan. 10, 1998 a Certificate of Correction was issued for this patent

CORE TERMS: hub, node, formatted, isochronous, circuitry, endpoint, protocol,
frame structure, packet, ethernet...

LEXIS-NEXIS

Library: PATENT

File: ALL

5687174 OR 5,687,174

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEXIS-NEXIS
Library: PATENT
File: CASES

5687174 OR 5,687,174

Your search request has found no ITEMS.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEXIS-NEXIS
Library: PATENT
File: JNLS

us5687174/pn

LGST	1
CRXX	1
LITA	0
PAST	2
** SS 1 : Results 4	

Search statement 2

?prt ssl max 1-4

1/4 LGST (1/1) - (C) LEGSTAT
PN - US 5687174 [US5687174]
AP - US 430143/95 19950426 [1995US-0430143]
DT - US-P
ACT - 19950426 US/AE-A
APPLICATION DATA (PATENT)
{US 430143/95 19950426 [1995US-0430143]}
- 19971111 US/A
PATENT
- 19980210 US/CC
CERTIFICATE OF CORRECTION
- 19980821 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
VERTICAL NETWORKS, INC. 2540 MISSION COLLEGE BOULEVARD SANTA CLARA,
CALIFORNIA 9 * NATIONAL SEMICONDUCTOR CORPORATION : 19980715
- 19990311 US/AS06
SECURITY INTEREST
TRANSAMERICA BUSINESS CREDIT CORPORATION 9399 WEST HIGGINS ROAD, SUITE
600 ROSEM * VERTICAL NETWORKS INCORPORATED : 19990210
- 20001121 US/RF
REISSUE APPLICATION FILED
19991112
UP - 2000-47

2/4 CRXX (1/1) - (C) CLAIMS/RRX
AN - 2906229
PN - 5,687,174 A 19971111 [US5687174]
PA - National Semiconductor Corp
PT - E (Electrical)
ACT - 19980821 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: NATIONAL SEMICONDUCTOR CORPORATION DATE SIGNED: 07/15/1998

Assignee: VERTICAL NETWORKS, INC. 2540 MISSION COLLEGE BOULEVARD SANTA
CLARA, CALIFORNIA 95054

Reel 009396/Frame 0689

Contact: ALAN R. LOUDERMILK SUITE B 10950 N. BLANEY AVE. CUPERTINO, CA
95014

- 19990311 REASSIGNED
SECURITY INTE T

Assignor: VERTICAL NETWORKS INCORPORATED DATE SIGNED: 02/10/1999

Assignee: TRANSAMERICA BUSINESS CREDIT CORPORATION 9399 WEST HIGGINS
ROAD, SUITE 600 ROSEMONT, ILLINOIS 60018
VENTURE BANKING GROUP, A DIVISION OF CUPERTINO NATIONAL BANKSUITE 150
3 PALO ALTO SQUARE PALO ALTO, CALIFORNIA 94306

Reel 009808/Frame 0238

Contact: LEVY, SMALL & LALLAS SEBASTIAN CAMUA 815 MORAGA DRIVE LOS
ANGELES, CA 90049

- 19991112 REISSUE REQUESTED
Issue Date of O.G.: 20001121
Reissue Request Number: 09/443250
Examination Group responsible for Reissue process: 2732

UP - 1999-00
UACT- 2000-11-21

3/4 PAST (1/2) - (C) PAST
AN - 200047-001186
PN - 5687174 A [US5687174]
DT - A (UTILITY)
OG - 2000-11-21
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED

4/4 PAST (2/2) - (C) PAST
AN - 199806-000180
PN - 5687174 A [US5687174]
DT - A (UTILITY)
OG - 1998-02-10
CO - COR
ACT - CERTIFICATE OF CORRECTION
SH - CERTIFICATE OF CORRECTION

Search statement 2

S1 1 PN="US 87174"
?t s1/9/all

1/9/1
DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat
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11753659

Basic Patent (No,Kind,Date): EP 596648 A1 19940511 <No. of Patents: 005>

PATENT FAMILY:

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 596648 A1 19940511
NETWORK LINK ENDPOINT CAPABILITY DETECTION. (English; French; German)
Patent Assignee: NAT SEMICONDUCTOR CORP (US)
Author (Inventor): EDEM BRIAN C (US); WORSLEY DEBRA J (US)
Priority (No,Kind,Date): US 971018 A 19921102
Applic (No,Kind,Date): EP 93308568 A 19931027
Designated States: (National) DE; FR; GB; IT; NL
IPC: * H04L-012/44; H04L-012/64; H04L-029/06
Derwent WPI Acc No: * G 94-153018; G 97-051465; G 97-212409; G
94-153018
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 596648	P	19921102	EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
				US 971018 A 19921102	
EP 596648	P	19931027	EP AE	EP-APPLICATION	(EUROPAEISCHE ANMELDUNG)
				EP 93308568 A 19931027	
EP 596648	P	19940511	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:	(IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
				DE FR GB IT NL	
EP 596648	P	19940511	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT	(VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 596648	P	19950104	EP 17P	REQUEST FOR EXAMINATION FILED	(PRUEFUNGSANTRAG GESTELLT)
				941109	
EP 596648	P	19970122	EP 17Q	FIRST EXAMINATION REPORT	(ERSTER PRUEFUNGSBESCHIED)
				961211	
EP 596648	P	19971217	EP 18D	DEEMED TO BE WITHDRAWN	(ALS ZURUECKGENOMMEN GELTEN)
				970624	

JAPAN (JP)

Patent (No,Kind,Date): JP 7007517 A2 19950110
DETECTION OF PERFORMANCE OF END POINT OF NETWORK LINK (English)
Patent Assignee: NAT SEMICONDUCTOR CORP
Author (Inventor): BURAIAN SHII EDEMU; DEBURA JIEI WAASURII
Priority (No,Kind,Date): US 971018 A 19921102
Applic (No,Kind,Date): JP 93274147 A 19931102
IPC: * H04L-012/40; H04L-012/42
Derwent WPI Acc No: * G 94-153018
Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5586117 A 19961217
METHOD AND APPARATUS WHICH ALLOWS DEVICES WITH MULTIPLE PROTOCOL CAPABILITIES TO CONFIGURE TO A COMMON PROTOCOL CONFIGURATION (English)
Patent Assignee: NAT SEMICONDUCTOR CORP (US)

Author (Inventor): EDEM BRIAN C (US); KOLA SRINIVAS (US)
 Priority (No,Kind,Date): US 262769 A 19940620; US 146729 A2 19931101; US 971018 B2 19921102
 Applic (No,Kind,Date): US 262769 A 19940620
 National Class: * 370466000; 370447000; 370462000
 IPC: * H04B-001/38
 Derwent WPI Acc No: * G 94-153018; G 97-051465; G 97-212409; G 97-051465
 Language of Document: English
 Patent (No,Kind,Date): US 5617418 A 19970401
 NETWORK LINK DETECTION AND GENERATION (English)
 Patent Assignee: NAT SEMICONDUCTOR CORP (US)
 Author (Inventor): SHIRANI RAMIN (US); EDEM BRIAN C (US)
 Priority (No,Kind,Date): US 146729 A 19931101; US 971018 B2 19921102
 Applic (No,Kind,Date): US 146729 A 19931101
 National Class: * 370465000; 370410000; 370402000
 IPC: * H04Q-001/30
 Derwent WPI Acc No: * G 94-153018; G 97-051465; G 97-212409; G 97-212409
 Language of Document: English
 Patent (No,Kind,Date): US 5687174 A 19971111
 NETWORK LINK ENDPOINT CAPABILITY DETECTION (English)
 Patent Assignee: NAT SEMICONDUCTOR CORP (US)
 Author (Inventor): EDEM BRIAN C (US); WORSLEY DEBRA J (US)
 Priority (No,Kind,Date): US 430143 A 19950426; US 971018 B1 19921102
 Applic (No,Kind,Date): US 430143 A 19950426
 National Class: * 370446000; 370453000; 370465000; 370522000
 IPC: * H04L-012/44
 Derwent WPI Acc No: * G 94-153018; G 97-051465; G 97-212409
 Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5586117	P	19921102	US AA	PRIORITY
			US 971018 B2	19921102
US 5586117	P	19931101	US AA	PRIORITY
			US 146729 A2	19931101
US 5586117	P	19940620	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 262769 A	19940620
US 5586117	P	19940923	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
			NATIONAL SEMICONDUCTOR CORPORATION 2900	
			SEMICONDUCTOR DRIVE SANTA CLARA, CA 950 ;	
			EDEM, BRIAN C. : 19940916; KOLA, SRINIVAS :	
			19940916	
US 5586117	P	19961217	US A	PATENT
US 5617418	P	19921102	US AA	PRIORITY
			US 971018 B2	19921102
US 5617418	P	19931101	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 146729 A	19931101
US 5617418	P	19940201	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
			NATIONAL SEMICONDUCTOR CORPORATION 2900	
			SEMICONDUCTOR DRIVE SANTA CLARA, CA 943 ;	
			SHIRANI, RAMIN : 19940105; EDEM, BRIAN C. :	
			19931222	
US 5617418	P	19951106	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
			NATIONAL SEMICONDUCTOR CORPORATION 2900	
			SEMICONDUCTOR DRIVE SANTA CLARA, CALIFOR ;	
			SHIRANI, RAMIN : 19931222	
US 5617418	P	19970401	US A	PATENT
US 5617418	P	19980821	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST

			VERTICAL NETWORKS, INC. 2540 MISSION COLLEGE BOULEVARD SANTA CLARA, CALIFORNIA 9 ; NATIONAL SEMICONDUCTOR CORPORATION : 19980715
US 5617418	P	19990311	US AS06 SECURITY INTEREST TRANSAMERICA BUSINESS CREDIT CORPORATION 9399 WEST HIGGINS ROAD, SUITE 600 ROSEM ; VERTICAL NETWORKS INCORPORATED : 19990210
US 5617418	P	19990511	US RF REISSUE APPLICATION FILED (REISSUE APPL. FILED) 19990401
US 5687174	P	19921102	US AA PRIORITY US 971018 B1 19921102
US 5687174	P	19950426	US AE APPLICATION DATA (PATENT) (APPL. DATA (PATENT)) US 430143 A 19950426
US 5687174	P	19971111	US A PATENT
US 5687174	P	19980210	US CC CERTIFICATE OF CORRECTION
US 5687174	P	19980821	US AS02 ASSIGNMENT OF ASSIGNOR'S INTEREST VERTICAL NETWORKS, INC. 2540 MISSION COLLEGE BOULEVARD SANTA CLARA, CALIFORNIA 9 ; NATIONAL SEMICONDUCTOR CORPORATION : 19980715
US 5687174	P	19990311	US AS06 SECURITY INTEREST TRANSAMERICA BUSINESS CREDIT CORPORATION 9399 WEST HIGGINS ROAD, SUITE 600 ROSEM ; VERTICAL NETWORKS INCORPORATED : 19990210
US 5687174	P	20001121	US RF REISSUE APPLICATION FILED (REISSUE APPL. FILED) 19991112

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